COMMERCIAL SITE PLAN THE YELLOW DOG'S BARN, LLC. TAX MAP 270 LOT 71

N.H. ROUTE 4, BARRINGTON, NH 03825

SHEET INDEX

S COVER SHEET

LOT LINE ADJUSTMENT

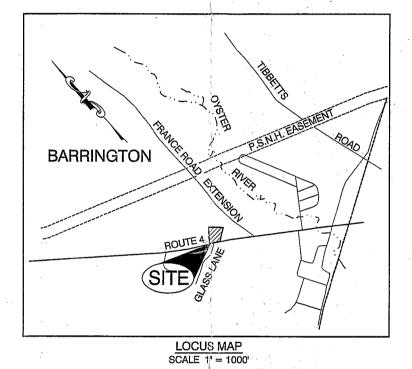
C1 EXISTING CONDITIONS PLAN

2 SITE PLAN

D1 DETAIL SHEETS

APPLICANT / APPLICANT
THE YELLOW DOG'S BARN, LLC
136 OLD CONCORD TURNPIKE
BARRINGTON, NH 03825
(603) 868-3647
CONTACT: HOLLY GRANT

CIVIL ENGINEER / SURVEYOR
JONES & BEACH ENGINEERS, INC.
85 PORTSMOUTH AVENUE
PO BOX 219
STRATHAM, NH 03885
(603) 772-4746
CONTACT: BARRY GIER
EMAIL: BGIER@JONESANDBEACH.COM



PERMITS

	the state of the s	
	TYPE OF PERMIT	<u>STATUS</u>
	NHDOT DRIVEWAY PERMIT: NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION, DISTRICT SIX	SUBMITTED: 2/6/2013 PERMIT NO.
	P.O. BOX 740	06-027-505
	DURHAM, NEW HAMPSHIRE 03824	DATED:
	(603) 868-1133	4/5/2013
	RESPONSIBLE CONSULTANT-	EXPIRATION:
•	JONES & BEACH ENGINEERS, INC.	4/5/2014
	BARRINGTON SITE PLAN APPROVAL:	SUBMITTED:
	TOWN OF BARRRINGTON PLANNING BOARD	8/14/13
	PO BOX 660, 333 CALEF HIGHWAY	PERMIT NO.
	BARRINGTON, NH 03825	
	(603)-664-5798	DATED:
	RESPONSIBLE CONSULTANT:	
	JONES & BEACH ENGINEERS, INC.	EXPIRATION:
	RUSEPA NODES PHASE IL CONSTRUCTION GENERAL	DEDMIT

BUSEPA NPDES PHASE II CONSTRUCTION GENERAL PERMIT,
NOTICE OF INTENT (NOI), AND NOTICE OF TERMINATION
(NOT) TO BE FILED IN ACCORDANCE WITH FEDERAL AND
LOCAL REQULATIONS PRIOR TO AND FOLLOWING CONSTRUCTION:
EPA STORMWATER NOTICE PROCESSING CENTER
MAIL CODE 4203M,
US EPA
1200 PENNSYLVANIA AVENUE, NW
WASHINGTON, DC 20450
RESPONSIBLE CONSULTANT:
JONES & BEACH ENGINEERS, INC.

PROPOSED \overline{m} STOCKADE FENCE EASEMENT
MAJOR CONTOUR
MINOR CONTOUR
EDGE OF PAVEMENT WATER LINE WATER LINE WATER SERVICE OVERHEAD ELECTRIC UNDERGROUND ELECTRIC GHARDRAII GUARDRAIL
IRON PIPE/IRON ROD
DRILL HOLE
IRON ROD/DRILL HOLE
STONE/GRANITE BOUND
BENCHMARK (TBM) SINGLE POST SIGN WELL TEST PIT TREES AND BUSHES UTILITY POLE HYDRANT WATER GATE WATER SHUT OFF DRAINAGE FLOW DIRECTION FRESHWATER WETLANDS STABILIZED CONSTRUCTION ENTRANCE CONCRETE

£

GENERAL LEGEND

LAND USE OFFICE

AUG 1 4 2013

RECEIVED

NOTES:

- 1. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWNAGS, THE OWNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS THE PERSON AND AND ASSESSMENT OF THE TOWNER OF THE TOW
- IF, BURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES AF REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER, STALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE OWNER.
- ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- IN ACCORDANCE WITH TOWN REGULATIONS AND RSA 676:13, ALL IMPROVEMENTS SPECIFIED ON THESE SITE PLANS SHALL BE CONSTRUCTED, COMPLETED, INSPECIFIED AND APPROVED BY THE TOWN OF BARRINGTON PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- 5. IN ACCORDANCE WITH BARRINGTON SITE PLAN REVIEW REGULATIONS AND RSA 676:12, ALL OFF-SITE IMPROVEMENTS SPECIFIED ON THESE SITE PLANS SHALL BE CONSTRUCTED, COMPLETED, INSPECTED AND APPROVED BY THE TOWN OF BARRINGTON (AND/OR THE NHDOT, IF APPLICABLE) PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

PROJECT PARCEL
TOWN OF BARRINGTON, NH
TAX MAP 270, LOTS 71 & 71

SNOW STORAGE

RETAINING WALL

APPLICANT/OWNER
YELLOW DOG'S BARN
136 OLD CONCORD TNPK
BARRINGTON, NH 03825

BK 3851, PG 0446

TOTAL LOT ARE 130,149 SQ. FT.

APPROVED - BARRINGTON, NH

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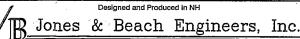
DATE:

Checked: WGM Scale: AS NOTED Project No.: 12175
Drawing Name: 12175-PLAN.dwg
THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN
PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE).
ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE
LI AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

esign: BWG | Draft; BWG



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0	08/14/13	ISSUED FOR REVIEW	BWG
REV.	DATE	REVISION	BY



85 Portsmouth Ave. PO Box 219
Stratham, NH 03885

E-MAIL: JBE@JONESANDBEACH.COM

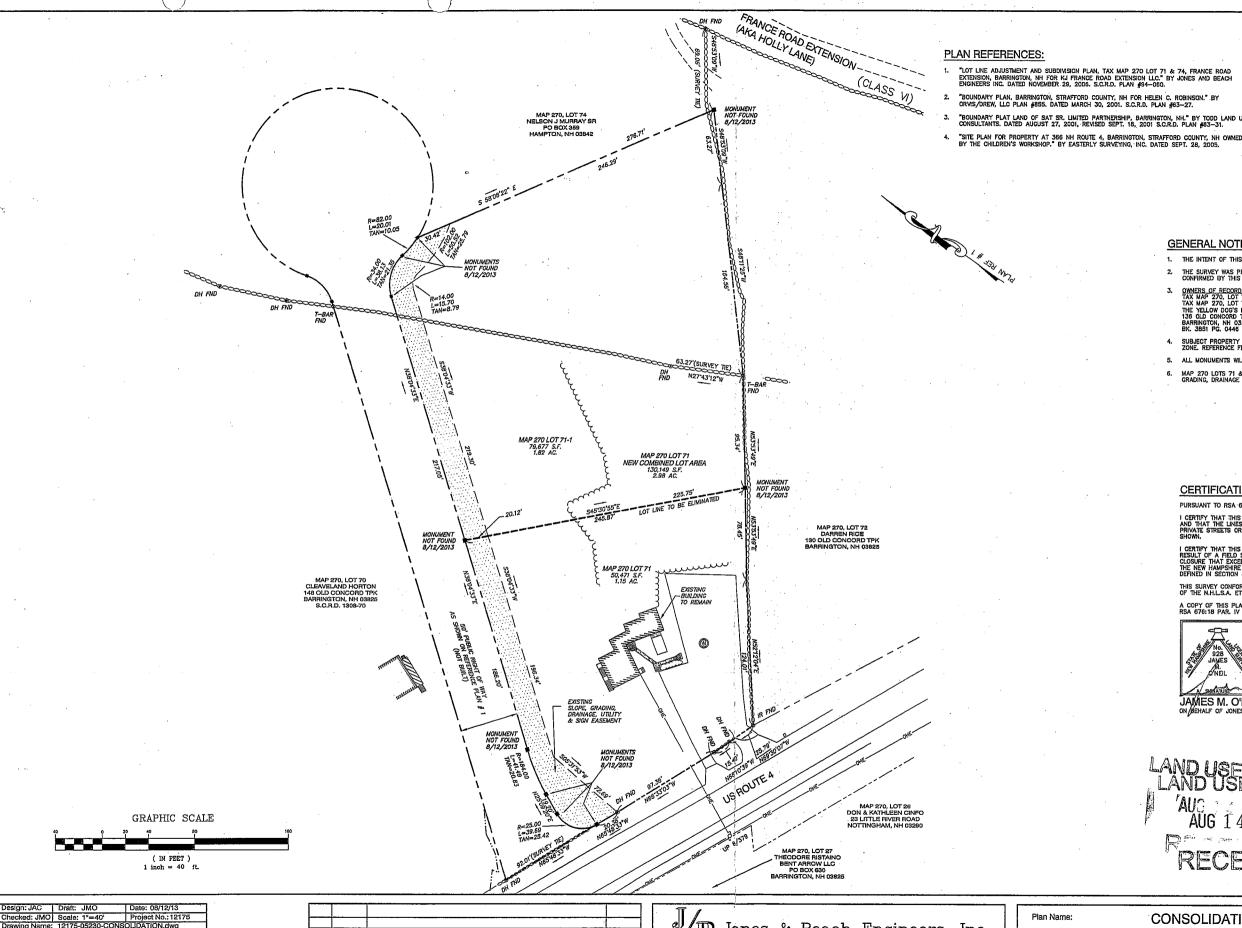
Plan Name: COVER SHEET

Project: THE YELLOW DOG'S BARN, LLC.
N.H. ROUTE 4, BARRINGTON, NH 03825

Owner of Record: THE YELLOW DOG'S BARN, LLC
136 OLD CONCORD TURNPIKE, BARRINGTON, NH 03825

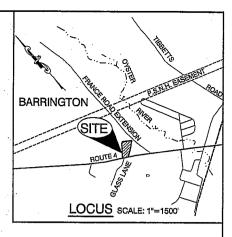
CS SHEET 1 DE 5

ELLOW DOG, BARRI



"LOT LINE ADJUSTMENT AND SUBDIVISION PLAN, TAX MAP 270 LOT 71 & 74, FRANCE ROAD EXTENSION, BARRINGTON, NH FOR KJ FRANCE ROAD EXTENSION LLC." BY JONES AND BEACH ENGINEERS INC. DATED NOVEMBER 29, 2006. S.C.R.D. PLAN #94-060.

"BOUNDARY PLAN, BARRINGTON, STRAFFORD COUNTY, NH FOR HELEN C. ROBINSON." BY CRVIS/DREW, LLC PLAN #855. DATED MARCH 30, 2001. S.C.R.D. PLAN #63-27.



GENERAL NOTES:

- 1. THE INTENT OF THIS PLAN IS TO DEPICT A CONSOLIDATION OF MAP 270 LOTS 71-1 AND LOT 71.
- THE SURVEY WAS PREPARED UTILIZING REFERENCE PLANS 1, 2 & 4 AND THE BOUNDARY WAS CONFIRMED BY THIS OFFICE IN JULY 2006, AUG. 2012. AND AUG 2013.

CERTIFICATION:

PURSUANT TO RSA 676:18-III AND RSA 672:14

THIS SURVEY CONFORMS TO A CATEGORY 1 CONDITION 1 SURVEY AS DEFINED IN SECTION 4.1 OF THE N.H.L.S.A. ETHICS AND STANDARDS.

A COPY OF THIS PLAN HAS BEEN FILED WITH THE TOWN OF BARRINGTON PLANNING BOARD RSA 676:18 PAR. IV



JAMES M. O'NEIL, LLS 928 ON BEHALF OF JONES & BEACH ENGINEERS, INC.

LANDUSE OFFICE AUG 1 4 2013 RECEIVED

PROJECT PARCEL TOWN OF BARRINGTON TAX MAP 270, LOTS 71 & 71-1

APPLICANT/OWNER
THE YELLOW DOG'S BARN LLC

136 OLD CONCORD TURNPIKE BARRINGTON, NH 03825 BK 3851, PG 0446

EXISTING LOT AREA (TOTAL)

LOT 71 50,471 SQ. FT. LOT 71-1 79,677 S.F. 1.83 ACRES

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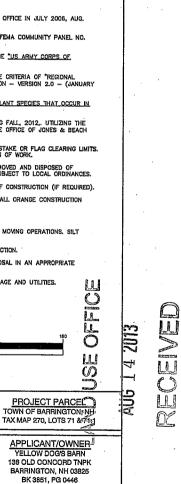
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REV.	DATE	REVISION	BY

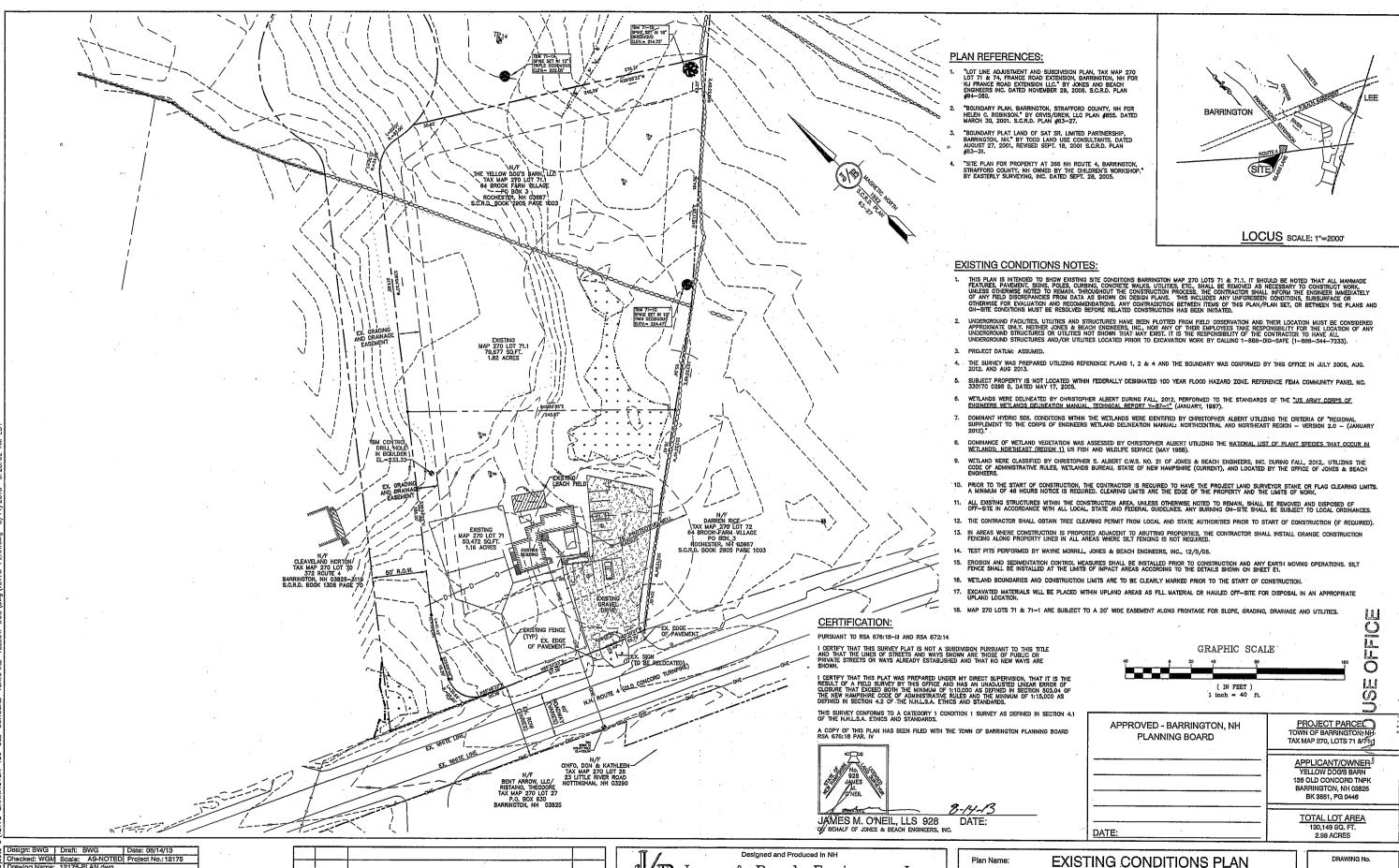
B Jones & Beach Engineers, Inc.

85 Portsmouth Ave. Civil Engineering Serv PO Box 219 Stratham, NH 03885

ices	603-772-4746
,,,,,,,	FAX: 603-772-0227
IL: JBE@JON	IESANDBEACH.COM

Plan Name:	CONSOLIDATION PLAN
Project:	TAX MAP 270, LOT 71 & 71-1 US ROUTE 4, BARRINGTON, NH
Client:	THE YELLOW DOG'S BARN LLC 136 OLD CONCORD TURNPIKE BARRINGTON, NH 03825





Checked: WGM Scale: AS-NOTED Project No.:12175 Drawing Name: 12175-PLAN.dwg THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

BWG 0 08/14/13 ISSUED FOR REVIEW REV. DATE REVISION BY

Jones & Beach Engineers, Inc.

85 Portsmouth Ave. Civil Engineering Services PO Box 219 Stratham, NH 03885

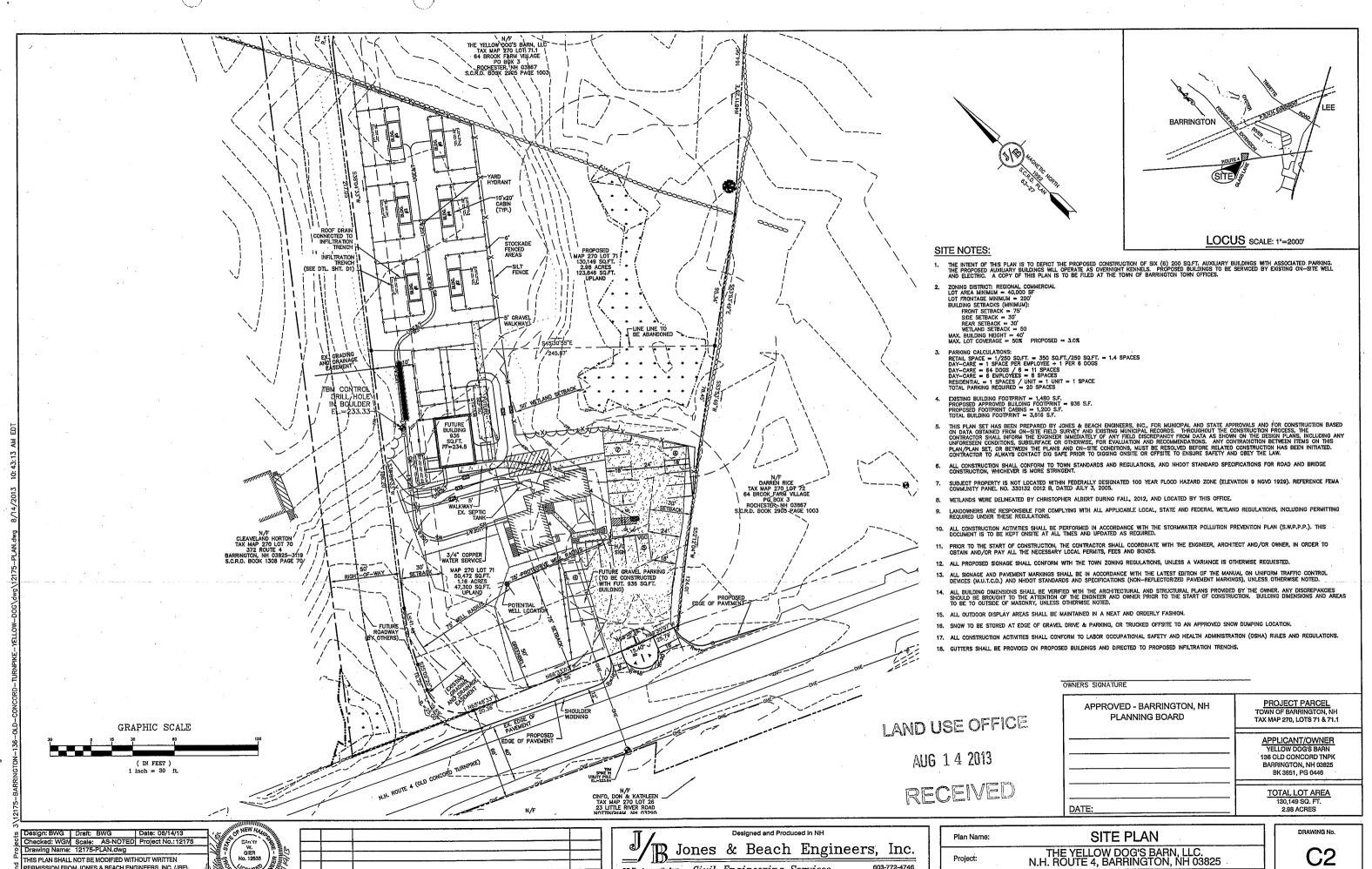
FAX: 603-772-0227 E-MAIL: JBE@JONESANDBEACH.COM

Owner of Record:

Project:

THE YELLOW DOG'S BARN, LLC. N.H. ROUTE 4, BARRINGTON, NH 03825 THE YELLOW DOG'S BARN, LLC 136 OLD CONCORD TURNPIKE, BARRINGTON, NH 03825

C1 SHEET 3 OF 5 JBE PROJECT NO. 12175



85 Portsmouth Ave. Civil Engineering Services

FAX: 603-772-0227

BWG

PO Box 219

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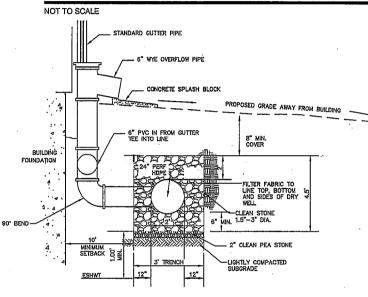
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ISSUED FOR REVIEW

C2 SHEET 4 OF 5

THE YELLOW DOG'S BARN, LLC

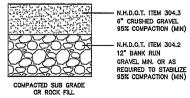
INFILTRATION TRENCH (SIDE VIEW)



INFILTRATION TRENCH (END VIEW)

INFILTRATION TRENCH NOTES:

- PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL PERFORM TEST PITS (2) IN LOCATION OF PROPOSEI SYSTEM TO CONFIRM THE LOCATION OF THE SEASONAL HIGH WATER TABLE. TEST PITS TO BE LOGGED BY A CERTIFIED SOLL SCIENTIST AND FINDINGS REPORTED TO THE EMONEER.
- 2. ALL INFILTRATION SYSTEM SHALL BE BUILT WITH THE BOTTOM OF THE SYSTEM TO BE SET ABOVE SEASONAL HIGH WATER TABLE.
- 3. INFILTRATION TESTING SHALL BE PERFORMED BY THE CONTRACTOR IN THE LOCATION OF THE PROPOSED INFILTRATION TRENCH PRIOR TO THE START OF CONSTRUCTION. IF INFILTRATION RATE IS FOUND TO BE LESS THAN 0.4 INCHES/HOUR THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY AND THE INFILTRATION TRENCH DESIGN SHALL BE UPDATED AND RE-SUBMITTED TO THE TOWN FOR REVIEW AND APPROVAL
- 4. ONCE THE SYSTEM HAS BEEN CONSTRUCTED, IT SHOULD BE TESTED BY INSERTING A GARDEN HOSE INTO THE INLET AND ALLOWING THE WATER TO RUN FOR A MINIMUM OF ONE (1) HOUR. THE WATER SHOULD STAY UNDERGROUND WITHIN THE GRAVEL IF WATER COMES OUT OF THE OVERFLOW, THE SYSTEM SHOULD BE FURTHER INSPECTED AND POSSIBLY REPLACED. THIS PROCEDURE SHOULD BE PERFORMED EVERY YEAR DURING THE FALL INSPECTION.
- In the spring and fall, visually inspect the area around the system and repair any erosion. Use Small stones to stabilize rosion along dramage paths, re-mulch any void areas by hand as needed. Also inspect the roof collection and piping and clean and repair as necessary.
- 7. KEEP HEAVY VEHICLES FROM DRIVING OR PARKING OVER THE SYSTEM.



GRAVEL SECTION

Checked: WGM Scale: AS NOTED Project No.:12175
Drawing Name: 12175-PLAN.dwg

PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE).

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TEMPORARY EROSION CONTROL NOTES

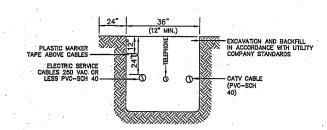
1. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME, AT NO TIME SHALL AN AREA IN EXCESS OF THAT REQUIRED FOR CONSTRUCTION BE EXPOSED.

- EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED OR DIRECTED BY THE ENGINEER.
- ALL DISTURBED AREAS (INCLUDING POND AREAS BELOW THE PROPOSED WATERLINE) SHALL BE RETURNED TO PROPOSED GRADES AND ELEVATIONS. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 6° OF SCREENED ORGANIC LOAM AND SEEDED WITH SEED MIXTURE 'C' AT A RATE NOT LESS THAN 1.10 POUNDS OF SEED PER 1,000 S.F. OF AREA (48 LBS. / ACRE).
- SILT FENCES AND OTHER BARRIERS SHALL BE INSPECTED EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 0.5" OR GREATER, ALL DAMAGED AREAS SHALL BE REPAIRED, AND SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED.
- AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND REVEGETATED.
- AREAS MUST BE SEEDED AND MULCHED OR OTHERWISE PERMANENTLY STABILIZED WITHIN 3 DAYS OF FINAL GRADING, OR TEMPORARILY STABILIZED WITHIN 14 DAYS OF THE INITIAL DISTURBANCE OF SOIL.
- OCTOBER 15, OR WHICH ARE DISTORBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING NORTH AMERICAN GREEN S75 EROSION CONTROL BLANKETS (OR AN EQUIVALENT APPROVED IN WITING BY THE ENGINEER) ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANOHORED NETTING, ELSEWHERE, THE INSTALLATION OF EROSION CONTROL BLANKETS OR WILLOH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- AFTER NOVEMBER 15th, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3" OF CRUSHED GRAVEL PER NIHDOT ITEM 304.3.
- AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED: A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED; B. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
- 11. IN ORDER TO ENSURE THE STABILITY OF THE SITE AND EFFECTIVE IMPLEMENTATION OF THE SEDIMENT EROSION CONTROL MEASURES SPECIFED IN THE PLANS FOR THE DURATION OF CONSTRUCTION, THE CONTRACTOR SHALL BE IN STRICT COMPULANCE WITH THE FOLLOWING INSPECTION AND MAINTENANCE REQUIREMENTS IN ADDITION TO THOSE CALLED FOR IN THE SWPPP:
- A. A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL <u>OR</u> A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW HAMPSHIRE ("MONITOR") SHALL BE EMPLOYED TO INSPECT THE SITE FROM THE START CONSTRUCTION ACTIVITIES UNTIL THE SITE IS STABILIZED.
- B. DURING THIS PERIOD, THE MONITOR SHALL INSPECT THE SUBJECT SITE AT LEAST ONCE A WEEK, AND IF POSSIBLE, DURING ANY ½ INCH OR GREATER RAIN EVENT (I.E. ½ INCH OF PRECIPITATION OR MORE WITHIN A 24 HOUR PERIOD). IF UNABLE TO BE PRESENT DURING SUCH A STORM, THE MONITOR SHALL INSPECT THE SITE WITHIN 24 HOURS OF THIS EVENT.
- C. THE MONITOR SHALL PROVIDE TECHNICAL ASSISTANCE AND RECOMMENDATIONS TO THE CONTRACTOR ON THE APPROPRIATE BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROLS REQUIRED.

CONSTRUCTION SEQUENCE

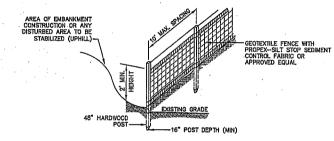
1. PRIOR TO THE START OF ANY ACTIVITY, IT IS THE RESPONSIBILITY OF THE SITE'S SITE DEVELOPER (OR OWNER) TO FILE A NOTICE OF INTENT (NO!) FORM WITH THE ENVIRONMENTAL PROTECTION AGENCY (EPA) IN ORDER TO GAIN COVERAGE UNDER THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES A PRE CONSTRUCTION METING IS TO BE HELD WITH ALL DEPARTMENT HEADS PRIOR TO THE START OF CONSTRUCTION.

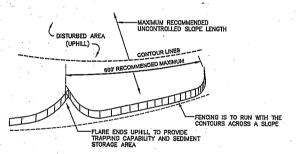
- WETLAND BOUNDARIES ARE TO BE CLEARLY MARKED PRIOR TO THE START OF CONSTRUCTION.
- 3. CUT AND REMOVE TREES IN CONSTRUCTION AREA AS REQUIRED OR DIRECTED
- CLEAR, CUT, GRUB AND DISPOSE OF DEBRIS IN APPROVED FACILITIES. THIS INCLUDES ANY REQUIRED DEMOLITION OF EXISTING STRUCTURES, UTILITIES, ETC.
- CONSTRUCT AND/OR INSTALL TEMPORARY OR PERMANENT SEDIMENT AND/OR DETENTION BASIN(S) AS REQUIRED. THESE FACILITIES SHALL BE INSTALLED AND STABILIZED PRIOR TO DIRECTING RUN-OFF TO THEM.
- STRIP LOAM AND PAVEMENT, OR RECLAIM EXISTING PAVEMENT WITHIN LIMITS OF WORK PER THE RECOMMENDATIONS OF THE PROJECT ENGINEER AND STOCKPILE EXCESS MATERIAL STABILIZE STOCKPILE AS NECESSARY.
- 8. PERFORM PRELIMINARY SITE GRADING IN ACCORDANCE WITH THE PLANS.
- 9. PREPARE BUILDING PAD(S) TO ENABLE BUILDING CONSTRUCTION TO BEGIN.
- 10. INSTALL THE SEWER AND DRAINAGE SYSTEMS FIRST, THEN ANY OTHER UTILITIES IN ACCORDANCE WITH THE PLAN AND DETAILS. ANY CONFLICTS BETWEEN UTILITIES ARE TO BE RESOLVED WITH THE INVOLVEMENT AND APPROVAL OF THE EXGINEER.
- ALL SWALES AND DRAINAGE STRUCTURES ARE TO BE CONSTRUCTED AND STABILIZED PRIOR TO HAVING RUN-OFF DIRECTED TO THEM.
- DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINAGE DITCHES, CHECK DAMS, SEDIMENT TRAPS, ETC., TO PREVENT EROSION ON THE SITE AND PREVENT ANY SILTATION OF ABUTTING WATERS AND/OR PROPERTY.
- 13. PERFORM FINAL FINE GRADING, INCLUDING PLACEMENT OF 'SELECT' SUBGRADE MATERIALS.
- PERFORM ALL REMAINING SITE CONSTRUCTION (I.e. BUILDING, CURBING, UTILITY CONNECTIONS, ETC.).
- 15. LOAM AND SEED ALL DISTURBED AREAS AND INSTALL ANY REQUIRED SEDIMENT AND EROSION CONTROL FACILITIES (i.e. RIP RAP, EROSION CONTROL BLANKETS, ETC.).
- ALL ROADWAYS AND PARKING LOTS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- ALL CUT AND FILL SLOPES SHALL BE SEEDED/LOAMED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- 18. COMPLETE PERMANENT SEEDING AND LANDSCAPING
- 20. CLEAN SITE AND ALL DRAINAGE STRUCTURES, PIPES AND SUMPS OF ALL SILT AND DEBRIS.
- 22. ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EVERY HALF-INCH OF RAINFALL.



NOTE: ALL UTILITIES SHALL BE REVIEWED AND APPROVED BY APPROPRIATE UTILITY COMPANY

UTILITY TRENCH





- WOVEN FABRIC FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24* AT TOP, MID AND BOTTOM AND EMBEDDED IN THE GROUND A MINIMUM OF 8* AND THEN COVERED WITH SOIL.
- THE FENCE POSTS SHALL BE A MINIMUM OF 48" LONG, SPACED A MAXIMUM 10" APART, AND DRIVEN A
 MINIMUM OF 16" INTO THE GROUND.
- 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED AND PROPERLY DISPOSED OF WHEN IT IS 6" DEEP OR VISIBLE 'BULGES' DEVELOP IN THE SILT FENCE.
- 5. PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE.
- 6. SILT FENCE SHALL REMAIN IN PLACE FOR 24 MONTHS.
- 7. SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIFFECTED BY THE ENGINEER. THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND REVRECETATED.

- 1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE DONE IMMEDIATELY.
- IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER.
- 4. SEDIMENT DEPOSITS THAT ARE REMOVED, OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED, SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

SILT FENCE

NOT TO SCALE

SEEDING SPECIFICATIONS

- GRADING AND SHAPING.

 A. SLOPES SHALL NOT BE STEEPER THAN 2:1 WITHOUT APPROPRIATE EROSION CONTROL MEASURES AS SPECIFIED ON THE PLANS (3:1 SLOPES OR FLATTER ARE PREFERRED).

 B. WHERE MOWING WILL BE DONE, 3:1 SLOPES OR FLATTER ARE RECOMMENDED.

- SEEDBED_PEPARATION

 A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.

 B. STONES LARGER THAN 4 INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT 4 INCHES TO PREPARE A SEEDBED AND FERTILIZER AND LIME MIXED INTO THE SOIL THE SEEDBED SHOULD BE LETFT IN A REASONABLY TRAM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.

- 3. ESTABLISHING A STAND
 A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL TYPES AND AMOUNTS OF LIME: AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:
 AGRICULTURAL LIMESTONE, 2 TONS PER ACRE OR 100 LBS. PER 1,000 SQ.FT.
 NITROGEN(N), 50 LBS. PER ACRE OR 1.1 LBS. PER 1,000 SQ.FT.
 PHOSPHATE(P205), 100 LBS. PER ACRE OR 2.2 LBS. PER 1,000 SQ.FT.
 POTASH(K2O), 100 LBS. PER ACRE OR 2.2 LBS. PER 1,000 SQ.FT.
 (NOTE: THIS IS THE EQUIVALENT OF 500 LBS. PER ACRE OF 10–20–20 FERTILIZER OR 1,000 LBS. PER ACRE OF 5–10–10.)
- (NOTE: THIS IS THE EQUIVALENT OF DOOR LINE, FER POINT AND ACRE OF 5-10-10.)

 B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, ORILING AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH .25 INCH OF SOIL OR IESS. BY CULTIPACKING OR TRAING.
- .25 INCH OF SUIC OR LESS, BY DULTIPACKING OR RAKING.
 REFER TO THE SEEDING GUIDE AND SEEDING RATES TABLES ON THIS SHEET FOR APPROPRIATE SEED
 MIXTURES AND RATES OF SEEDING. ALL LEGUMES (CROMAVETCH, BIRDSFOOT, TREFOIL AND FLATPEA)
 MUST BE INCOLLATED WITH THEIR SPECIFIC INCOLLAND FROM TO THEIR INTRODUCTION TO THE SITE.
 WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER,
 WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20th
 OR FROM AUGUST 10th TO SEPTEMBER 1st.

4. MULCH
A. HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.
B. MULCH WILL BE HELD IN PLACE USING APPROPRIATE TECHNIQUES FROM THE BEST MANAGEMENT PRACTICE FOR MULCHING. HAY OR STRAW MULCH SHALL BE PLACED AT A RATE OF 90 LBS PER 1000 S.F.

- 5. MAINTENANCE TO ESTABLISH A STAND
 A. PLANTED AREAS SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED
- A. PLANIEU AREAS SHOULD BE PROTECTED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS GROWTH.

 B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHED TO THE STAND BECAUSE MOST PERENNIALS TAKE 2 TO 3 YEARS TO BECOME FULLY STABLISHED.

 C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, ANNUAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.

USE	SEEDING MIXTURE 1/	DROUGHTY	WELL DRAINED	MODERATELY WELL DRAINED	POORLY DRAINED
STEEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS	A B C	FAIR POOR POOR	GOOD GOOD GOOD	GOOD FAIR EXCELLENT	FAIR FAIR GOOD
	D	FAIR	EXCELLENT	EXCELLENT	POOR
WATERWAYS, EMERGENCY SPILLWAYS, AND OTHER CHANNELS WITH FLOWING WATER.		GOOD GOOD	GOOD EXCELLENT	GOOD EXCELLENT	FAIR FAIR
LIGHTLY USED PARKING LOTS, ODD AREAS, UNUSED LANDS, AND LOW INTENSITY USE RECREATION SITES.	A B C	GOOD GOOD	GOOD GOOD EXCELLENT	GOOD FAIR EXCELLENT	FAIR POOR FAIR
PLAY AREAS AND ATHLETIC FIELDS. (TOPSOIL IS ESSENTIAL FOR GOOD TURF.)	E F	FAIR FAIR	EXCELLENT EXCELLENT	EXCELLENT EXCELLENT	<u>2/</u> 2/

1/ REFER TO SEEDING MIXTURES AND RATES IN TABLE BELOW.
27 POORLY DRAINED SOILS ARE NOT DESIRABLE FOR USE AS PLAYING AREA AND ATHLETIC FIELDS. NOTE: TEMPORARY SEED MIX FOR STABILIZATION OF TURF SHALL BE WINTER RYE OR OATS AT A RATE OF 2.5 LSS. PER 1000 S.F. AND SHALL BE PLACED PRIOR TO OCTOBER 15th, IF PERMANENT SEEDING NOT

SEEDING GUIDE

MIXTURE	POUNDS PER ACRE			
A. TALL FESCUE CREEPING RED FESCU RED TOP TOTAL	20 20 20 2 42	0.45 0.45 0.05 0.95		
B. TALL FESCUE CREEPING RED FESCUI CROWN VETCH OR	E 15 10 15	0.35 0.25 0.35		
FLAT PEA TOTAL -	30 40 OR 55	0.75 0.95 OR 1.35		
C. TALL FESCUE CREEPING RED FESCUI BIRDS FOOT TREFOIL TOTAL	20 E 20 <u>8</u> 48	0.45 0.45 0:20 1.10		
D. TALL FESCUE FLAT PEA TOTAL	20 30 50	0.45 <u>0.75</u> 1.20		
E. CREEPING RED FESCUE KENTUCKY BLUEGRASS TOTAL	50 11/ 50 100	1.15 1.15 2.30		
F. TALL FESCUE 1	150	3.60		
1/ FOR HEAVY USE ATHLETIC FIELDS CONSULT THE UNIVERSITY ON NEW HAMPSHIRE COOPERATIVE EXTENSION TURF SPECIALIST FOR CURRENT VARIETIES AND SEEDING RATES.				

SEEDING RATES

DETAIL SHEET

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0 08/14/13 BWG ISSUED FOR REVIEW BY REVISION

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